

19990707.qrp v01_n511.qrl.990707

Date: Wed, 7 Jul 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1511

QRP-L Digest 1511

Topics covered in this issue include:

- 1) [44443] National Park Expedition Day
by Scott Robbins - VE7CCY <kc_sr@hotmail.com>
- 2) [44444] WTB QRP
by RangerSF5@aol.com
- 3) [44445] Re: National Park Expedition Day
by Ed Lawson <elawson@lr.net>
- 4) [44446] QRP-L Command Summary
by "Chuck Adams K5F0" <adams@ticnet.com>
- 5) [44447] Fw: Try dxbands.com
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [44448] Re: National Park Expedition Day
by "Carl Zmola" <zmola@campbellsci.com>
- 7) [44449] QRP Rig Kits
by Tom Palmer <n1tp@worldnet.att.net>
- 8) [44450] Re: National Park Expedition Day
by PUNISHER3@aol.com
- 9) [44451] Re: Handling Chrome Items and Paints
by Bruce Muscolino <w6toy@erols.com>
- 10) [44452] Re: [44410] Re: grounds
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 11) [44453] Re: Grounds
by "Don Wilhelm" <w3fpr@arrl.net>
- 12) [44454] Re: grounds
by J38AL@aol.com
- 13) [44455] Re: grounds
by bob evinger <revinger@earthlink.net>
- 14) [44456] RN3ZR help....
by malman@world.std.com (Joel Malman)
- 15) [44457] WTB/Trade: OMNI-C
by Richard Arland <r_arland@hotmail.com>
- 16) [44458] Re: grounds
by "Robert P. Okas" <vintage@best.com>
- 17) [44459] Re: grounds
by Pete Burbank <plburbank@kih.net>
- 18) [44460] QRP Vacation Operation
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 19) [44461] Re: QRP-L digest 1510

- by "Al Gritzmacher " <ae2t@arrl.net>
- 20) [44462] re: 10 meter wire antenna
by Neil Klagge <w0yse@juno.com>
- 21) [44463] Re: National Park Expedition Day
by david fouchey <dafouchey@home.com>
- 22) [44464] Re: QRP-L digest 1510
by "Rod Cerkoney" <rwc@frii.com>
- 23) [44465] radial question
by "Dave Benham" <dodgeboy@mindspring.com>
- 24) [44466] HF rig
by Bob McKellar <bazooka@execulink.com>
- 25) [44467] Antenna Ideas
by eddie@nac.net
- 26) [44468] Re: Antenna Ideas
by ARDUJENSKI@aol.com
- 27) [44469] inexpensive Short wave reciever
by "The one and only!" <mitch96@pobox.com>
- 28) [44470] Re: QRP Rig Kits
by Michael Bower <bowerm@ix.netcom.com>
- 29) [44471] Re: QRP Rig Kits - outstanding!
by "Dave T. Chael" <chael@enid.com>
- 30) [44472] Re: Wamt Ten Meter Wire Antenna Suggestions
by "William Black" <bill.and.karen@worldnet.att.net>
- 31) [44473] New 250 MW Rig On The Air
by "Randy Jouett" <rules@bellsouth.net>
- 32) [44474] Another 2N2/40 Lives!
by "M. Monninger" <markem@primenet.com>
- 33) [44475] Antennas
by eddie@nac.net
- 34) [44476] MFJ-259 battery holders....SURPRISE
by "KA5T Larry Wise" <lewise@inetport.com>
- 35) [44477] Re: National Park Expedition Day
by Bob Patten <n4bp@bc.seflin.org>
- 36) [44478] WTB: Kent paddles
by mwattcpa@earthlink.net (Marty Watt)
- 37) [44479] Re: MFJ-259 battery holders....SURPRISE
by Russ Dow <n7dw@garlic.com>
- 38) [44480] Electronic Project and Radio Design Links
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 39) [44481] The Grey Line
by "Dave Fifield" <fifield@pacbell.net>
- 40) [44482] Re: MFJ-259 battery holders....SURPRISE
by "Dave Fifield" <fifield@pacbell.net>
- 41) [44483] Re: Antennas
by dareid@Synopsys.COM
- 42) [44484] Re: Handling Chrome Items and Paints
by Michael Neverdosky <MichaelN@cycat.com>
- 43) [44485] Standards

by "Jerry W. O'Dell" <jwodell@ameritech.net>
44) [44486] RE: RN3ZR help....
by "George Goodroe" <goodroe@worldnet.att.net>
45) [44487] RE: RN3ZR help
by malman@world.std.com (Joel Malman)
46) [44488] QRP rig kits -- web page
by n5ib@juno.com
47) [44489] Re: radial question
by Jess Gypin <jessqrp@concentric.net>
48) [44490] WESTFLA meeting confirmed
by Michael Maiorana <mikemo@ibm.net>
49) [44491] Printer A/B Switch as Rig Enclosure
by "Randy Jouett" <rules@bellsouth.net>
50) [44492] Re: radial question
by mwattcpa@earthlink.net (Marty Watt)
51) [44493] Pacificon 99 - when/where is it
by dareid@Synopsys.COM
52) [44494] RADIAL BASICS
by ARDUJENSKI@aol.com
53) [44495] Re: Standards
by Monte Stark <ku7y@dri.edu>
54) [44496] Re: MFJ-259 battery holders....SURPRISE
by Chris Cartwright Sr <ccart@phideaux.com>
55) [44497] Long Wire Antenna..Fair Radio
by Don Lefrancois <wb1cdh@cwix.com>
56) [44498] Dave Benson
by Jeff Gold <JGold@tntech.edu>
57) [44499] WM20
by Jeff Gold <JGold@tntech.edu>
58) [44500] Re: MFJ-259 battery holders....SURPRISE
by SKIPNC90@aol.com
59) [44501] Re: Tube QRP Xmitter -- CPCW - 5
by HWRM1SS@aol.com
60) [44502] Re: National Park Expedition Day
by Jeff <fantbb@yahoo.com>
61) [44503] Re: National Park Expedition Day
by crc <crc@io.com>
62) [44504] Re: Pacificon 99 - when/where is it
by Bill Jones <kd7s@psnw.com>
63) [44505] Re: National Park Expedition Day
by Rod Cercone <rwc@frii.com>
64) [44506] Dave Benson-Out doing good
by Jeff Gold <JGold@tntech.edu>
65) [44507] Re: WESTFLA meeting confirmed
by Bob Patten <n4bp@bc.seflin.org>
66) [44508] MFJ-259 battery holders - NO suprise
by "KA5T Larry Wise" <lewise@inetport.com>
67) [44509] RE: MFJ-259 battery holders....SURPRISE

by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
68) [44510] Re: Dave Benson
by Macstein@aol.com
69) [44511] Vectronics Regen receiver
by Terry Bendell <terryb@bmts.com>
70) [44512] Remember a QRP Xmtr Using a VN10K Transistor???
by James P Rybak <jrybak@mesastate.edu>
71) [44513] PCI receiver 'KIT' based on 12bit 65MHz/Ch data acq board
by "Bob Duckworth" <wb4mnf@atl.org>
72) [44514] AR QRP 40m net tonight
by Robsparks@aol.com
73) [44515] RE: MFJ-259 battery holders....SURPRISE
by Brad Bradfield <b_bradfield@yahoo.com>
74) [44516] Subject: Printer A/B Switch as Rig Enclosure
by Brad Bradfield <b_bradfield@yahoo.com>
75) [44517] Re: Remember a QRP Xmtr Using a VN10K Transistor???
by "Steven Weber" <kd1jv@moose.ncia.net>
76) [44518] balanced feedline/unbalanced TX
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
77) [44519] Michigan Mighty Mite With Electronic Keyer Problems
by "Randy Jouett" <rules@bellsouth.net>
78) [44520] Re: Subject: Printer A/B Switch as Rig Enclosure
by "Randy Jouett" <rules@bellsouth.net>
79) [44521] Trade-Xircom RealPort Cardbus
by Jeff Gold <JGold@tntech.edu>
80) [44522] Re: Michigan Mighty Mite With Electronic Keyer Problems
by Karl.Kanalz@optelinc.com
81) [44523] need PIC for DSW20 for Museum Ships Weekend
by n5ib@juno.com
82) [44524] Ft. Tuthill
by Jerry Parker <jparker@fix.net>
83) [44525] Re: Subject: Printer A/B Switch as Rig Enclosure
by Karl.Kanalz@optelinc.com
84) [44526] balanced line/unbalanced TX
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
85) [44527] Re: Long Wire Antenna..Fair Radio
by Jim <w7ls@blarg.net>
86) [44528] Re: Ft. Tuthill
by Chris Cartwright Sr <ccart@phideaux.com>
87) [44529] VTVM's
by Paul Kaczmarek <catmandu@freewwwweb.com>
88) [44530] Re: Michigan Mighty Mite With Electronic Keyer Problems
by "Randy Jouett" <rules@bellsouth.net>
89) [44531] Thanks for award!
by Dan Presley <talljazz@teleport.com>
90) [44532] RE: Michigan Mighty Mite With Electronic Keyer Problems
by Larry East <w1hue@amsat.org>
91) [44533] Re: Ft. Tuthill

- by Bob Hightower <ki7mn@extremezone.com>
92) [44534] Fwd: Re: Ft. Tuthill
by Bob Hightower <ki7mn@extremezone.com>
93) [44535] attn: ve6aan
by sergio <sruiz@bright.net>
94) [44536] Hy-Gain CB Boards at Fair Radio..
by "Phinizy, William" <wphinizy@filenet.com>
95) [44537] Jacksonville, FL
by Harvey Laidman <HarveyL@OutaDaLoop.com>
96) [44538] Re: Vectronics Regen receiver
by Jay Freeman <jayFreem@direcpc.com>
97) [44539] Re: Michigan Mighty Mite With Electronic Keyer Problems
by "Randy Jouett" <rules@bellsouth.net>

Date: Tue, 06 Jul 1999 23:08:01 GMT
From: Scott Robbins - VE7CCY <kc_sr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [44443] National Park Expedition Day
Message-ID: <19990706230801.83343.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Was a decision reached on organising/picking a date for the National Park expedition date?? If not, why don't we make it for August 7 (Saturday) between 11 and 1pm Pacific time (2-4 Eastern).

From: Any National, State or Provincial Park
Exchange: RST and park operating from (incl. State/Prov.)
Freq.: QRP calling freq. on each band (particulars to follow)

If this event has already been organised, I apologize, I must have missed the post! If not, how does this sound to everyone?

73,
Scott - VE7CCY

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 6 Jul 1999 19:26:49 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [44444] WTB QRP

Hi Gang
I'm looking for a 40-M or a 20-M SST with a 10-K pot and/or a TAC-1
Must be well built
Thank You
Bob
WA2HOQrp <tm>

>>>>>>>>>>>>>>> Original Message <<<<<<<<<<<<<<<

> If this event has already been organised, I apologize, I must have=20
missed
> the post! If not, how does this sound to everyone?

I have put the date on my calender and I have selected the Parks of=20
Interest
to me locally. Now to order and build that DSW.

Ed lawson
K1VP

Date: Tue, 6 Jul 1999 19:25:23 -0500
From: "Chuck Adams K5F0" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [44446] QRP-L Command Summary
Message-ID: <E111eRV-0003E0-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

OK Gang,

Here is a short summary of some useful commands. Print this out and save it. Save this to disk and periodically browse and see if there is something of use. Make into a plastic card to carry around with you.

tnx de K5F0

-----cut here-----

QRP-L COMMAND SUMMARY LIST --- VERSION 2.0 --- Jun 5, 1999

NOTES: your_name is to be replaced by your name, e.g. Ludwig Beethoven
your_call is to be replaced by your call, e.g. K5FJZ or NO_CALL

199X 9XMMDD means year 199X and month MM and day DD, thus
1997 970208 is February 8th, 1997 and the digest for
whole day

In some of the examples below the upper case letters are to avoid confusion. Not required unless so noted.

Your QRP-L numbers are for life. No need to redo it if you unsub and then come back later, go on vacation, etc. It is a non-

contestable part of any divorce proceedings and non-transferable. It will not be reissued as part of a 'vanity-number' program. It cannot be willed to a family or non-family member. Let us know if you get a vanity call.

Some of the files in some of the directories that have a .ps in their name are PostScript files and must be printed or viewed using a PostScript compatible printer or viewer.

The ACK command will start back individual receipt of postings and terminates the DIGEST and POSTPONE commands.

email to	command in body or message	results of same
@LEHIGH.EDU		
LISTPROC	SUBSCRIBE QRP-L your_name your_call	get on the list
LISTPROC	UNSUBSCRIBE QRP-L	exit the list
LISTPROC	SET QRP-L MAIL DIGEST	rcv digest mode
LISTPROC	SET QRP-L MAIL POSTPONE	stop receiving
LISTPROC	SET QRP-L MAIL ACK	restart qrp-l mail
LISTPROC	RECIPIENTS QRP-L	get list of members and their email adrs
LISTPROC	INDEX QRP-L -ALL	list files online
LISTPROC	GET QRP-L/subdirectory filename	get file from list
LISTPROC	GET QRP-L WELCOME.TXT	get welcome file
LISTPROC	GET QRP-L/ARCHIVES/199X 9XMMDD	get one day posts
LISTPROC	HELP	get help
LISTPROC	RUN QRP-L X GETNR your_call	get secret number
LISTPROC	GET QRP-L/MISC MEMBER_NUMBERS.TXT	get secret nr list
LISTPROC	RUN QRP-L X QRP_CALL	get calls by area
LISTPROC	RUN QRP-L X FCC_CALL callsign	lookup up call
LISTPROC	RUN QRP-L X CALLS2DIST call1 call2	lookup call2 & dist
QRP-L	Message you want broadcast to group Put none of the above commands in message to the group. Avoid repeating previously posted messages and lengthy signature files, please.	message to qrp-l

ADAMS@TICNET.COM message to Chuck, K5FO
LUJCE@LEHIGH.EDU message to Jim, N3VXI

-----+-----+-----
ftp to

FTP.LEHIGH.EDU for ftp site. Note that .Z should be omitted in
GET command for getting files uncompressed. Use
filename without .Z extent.

web site

<http://www.lehigh.edu/lists/archives/qrp-l> To get postings.

If you use the web facilities, please subscribe, then do a
POSTPONE. You will show up on the list and you can post,
otherwise you will only be able to read from the list.

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Tue, 6 Jul 1999 20:30:29 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [44447] Fw: Try dxbands.com
Message-ID: <004101bec80f\$eb5c1e20\$853167d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

No connection with the site, just forwarding the info.

73 de Vince, VE3VFN.

----- Original Message -----

From: News@dxbands.com <news@dxbands.com>

> Today, a new amateur radio portal has opened at www.dxbands.com

>

> There is plenty of news, dx-expedition diary and hundreds of links.

>

> Do take a look!

>

> Nigel de G4KIU

> www.dxbands.com

Date: Tue, 6 Jul 1999 18:43:02 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: qrp-l@lehigh.edu
Subject: [44448] Re: National Park Expedition Day
Message-ID: <19990707004150185.AAA302@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> expedition date?? If not, why don't we make it for August 7 (Saturday)
> between 11 and 1pm Pacific time (2-4 Eastern).

Ok, Since I ususally operate at night, What bands will be useable
midday. 10M (if alive) - 20M should be active if alive, but what
about 30 and 40M? Just inquisitive.

Carl
zmola@campbellsci.com

Date: Tue, 06 Jul 1999 20:47:31 -0400
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [44449] QRP Rig Kits
Message-ID: <3782A3A3.C951DBFE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For info on several QRP kits, try:

<http://www.qsl.net/k4msw/rigs.html>

Tom, N1TP, Naples. FL.

Date: Tue, 6 Jul 1999 20:51:44 EDT

From: PUNISHER3@aol.com
To: qrp-1@lehigh.edu
Subject: [44450] Re: National Park Expedition Day
Message-ID: <d04c3e65.24b3fea0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, Heres a question.... What if it takes more than an hour to drive to a state park? What if you don't have a drivers license (which i don't yet) Would it be possible to have a catagory for local parks that would be possible to get to by bike?

72,
Ben - NW7DX
14 yrs old

Date: Tue, 06 Jul 1999 20:59:43 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44451] Re: Handling Chrome Items and Paints
Message-ID: <3782A67F.4A87@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike, and the rest of you,

White cotton gloves of the type often worn by photographic technicians are readily available from their wholesale sources. Please excuse me if the old mind doesn't remember who I ordered them from. I do know you can get amateur quantities from Porters, a large mail order store in the midwest, or Cambridge Camera in New York city. Almost any photographic magazine will point the way, and they may be on the web.

They are really cheap, designed to be discarded after only a short time. Uniform gloves aould probably be quite a lot more expensive as they are meant to be laundered after they are worn. Photographically speaking, laundering the gloves puts more chemical dangers in than it is worth

Date: Tue, 6 Jul 1999 18:21:39 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: buydens@duke.usask.ca
Cc: rkeener@realtime.net, qrp-1@Lehigh.EDU
Subject: [44452] Re: [44410] Re: grounds
Message-ID: <199907070121.SAA22247@netcom15.netcom.com>

My old Nissan pickup chewed up transmissions faster then it should have (about every 40/50 thousand miles) and the 4th time it happened, I was told that the problem was that some of the current path for starting was through the transmission bearings. I had no radio in that one.

The really safe way to do this is to have a separate battery for the radio gear. A couple of my friends just charge the radio battery at night in the garage, and another of my friends has an inverter on the auto side driving a battery charger on the radio battery. I have a second battery with a relay that parallels the two batteries for charging, but separates them for starting.
73, doug

Date: Tue, 6 Jul 1999 11:03:04 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I has been my experience that if the engine is replaced the grounding strap is not always reconnected.

Brian

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Do you have any dog shampoo that wasn't tested on animals?           |
+-----+
```

Date: Tue, 6 Jul 1999 21:25:12 -0400
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44453] Re: Grounds
Message-ID: <001a01bec817\$97522a60\$61032626@dbw-11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,
A MUCH better way to check wiring for connector/wiring problems in a potentially high current area is with a voltmeter - by measuring the voltage drop across the connection and/or wire of interest. The voltage drop will increase as the resistance increases. In the case mentioned below, the voltage from the engine block to the battery would have been large (in comparison to the 12 volt source) indicating a rather high resistance. Use a properly sized ammeter only after you have some idea of the size of the current. (Ohms law can be readily applied to approximate the current).

< I told one individual to take a meter and measure current from the
< battery
< post to the engine block while starting. The meter should be a pretty
< good
< low resistance parallel to the engine ground strap. But BE PREPARED!!
< Your vehicle may not be exhibiting ANY problems, but you could
< EASILY have a few amps travel through your meter. TEST IT WITH A
< FUSE ON A HIGH CURRENT SETTING FIRST!

Don Wilhelm -- Wake Forest, NC
 W3FPR -- QRP-L # 485

Date: Tue, 6 Jul 1999 21:23:44 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [44454] Re: grounds
Message-ID: <c5bb1fdd.24b40620@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/6/99 11:57:30 AM Eastern Daylight Time,
jwodel@ameritech.net writes:

<< I wonder just how often the engine ground comes loose.
Had a friend in high school with a 30 year old car where it
happened.

I'll bet the odds are less than one in a million -- anyone got
any data?
>>

I am a heavy truck tech for a large Ford/Sterling dealership and in my 25
plus years of being a mechanic I have seen engine/battery ground problems
burn up many things - including starting the engine on fire in a \$95K
motorhome. And as simple as
melting a choke or throttle cable. Don't take this subject lightly - a fuse
and holder for your negative lead won't set you back more than a buck. That's
many bucks less than the repair bill.

72, A1 N2ZHS
Scotia, NY

Date: Tue, 06 Jul 1999 20:34:08 -0700
From: bob evinger <revinger@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44455] Re: grounds
Message-ID: <3782CAB0.8509262A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My sister had an AMC Pacer in high school that had lousy reception on the
radio and when driving at
night had a habit of having the lights go out at inopportune moments, like
when shifting. After I drove it
and had it do it and dad had it happen to him. He dug around and found that
the car didn't have a ground strap
between the engine and chassis. The ground had been through the clutch
linkage and when shifting connection
would get sporadic and it didn't look like it had ever had a ground strap.

bob wd9eka@arrl.net

"Ed Hare, W1RFI" wrote:

> Jerry W. O'Dell wrote:
>
> > I wonder just how often the engine ground comes loose.
> > Had a friend in high school with a 30 year old car where it
> > happened.
>
> > I'll bet the odds are less than one in a million -- anyone got
> > any data?
>
> It happened to me. The ground usually doesn't fail at the engine block.
> In my case, I had replaced the battery connector with an after market
> one, cut the ground wire, inserted it into the new connector and, a few
> years later, it was no longer making good contact with the battery
> connector. A second wire, which I would have probably installed at the
> bolt securing the connector tight, would have probably maintained
> contact with the battery connector.
>
> The odds of having lightning strike your antenna are similarly low, as
> are the odds of developing problems in your house electrical system, but
> there are good and proper precautions to take in either of those two
> cases.
>
> I will add the the state of some of my cars is legendary, so your
> mileage may vary. :-)
>
> 73,
> Ed Hare, W1RFI

Date: Tue, 6 Jul 1999 21:30:59 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@arrl.net
Subject: [44456] RN3ZR help....
Message-ID: <199907070130.AA01115@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Question folks ...

I had a nice QRP chat with Valery, RN3ZR, tonight on 15 meters. Good
579 QRP signals on both sides. I started to fill out the QSL, but
realized that I don't know if Valery is an OM or YL name in Russia.

I never thought about asking during the QSO and I want to make sure my note and QSL does it right. Anyone speak Russian on the list?

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Wed, 07 Jul 1999 01:31:47 GMT
From: Richard Arland <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [44457] WTB/Trade: OMNI-C
Message-ID: <19990707013147.1489.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Looking to pick up an T-T OMNI-C with filters. If anyone has one, please contact me via private e-mail and we'll discuss price and/or trade.

73 Rich K7SZ

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Date: Tue, 6 Jul 1999 18:45:15 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: bob evinger <revinger@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44458] Re: grounds
Message-ID: <Pine.BSF.4.10.9907061842370.10151-1000000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So are you saying that Lucas did American Motors electrical systems too?
=8()

Bob

On Tue, 6 Jul 1999, bob evinger wrote:

> My sister had an AMC Pacer in high school that had lousy reception on the
> radio and when driving at

> night had a habit of having the lights go out at inopportune moments, like
> when shifting. After I drove it
> and had it do it and dad had it happen to him. He dug around and found that
> the car didnt have a ground strap
> between the engine and chassis. The ground had been through the clutch
> linkage and when shifting connection
> would get sporadic and it didnt look like it had ever had a ground strap.
>
> bob wd9eka@arrl.net
>

Date: Tue, 06 Jul 1999 21:50:09 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [44459] Re: grounds
Message-ID: <3.0.32.19990706215006.006f954c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The 164 Volvo series had a ground cable to chassis connection
under the battery...DUH!!! Corrosion city!!!
73 Pete NV4V

Date: Tue, 06 Jul 1999 21:56:22 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>,
Bill Cole <billc@dandy.net>, Dave Marshall <n8oay@sprintmail.com>,
Don Schimmel <dwschiml@intrepid.net>, Ed Muro <kc2ayc@banet.net>, John
McColman <jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>,
Subject: [44460] QRP Vacation Operation
Message-ID: <3782B3C6.91E9D863@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm bringing the HW-9 and a mess-o-wire with me to the Outer Banks of
North Carolina. Potential operating will be from Sunday July 11th
through Saturday July 17th. I've even whipped up a cheapy-do card to
commemorate this less than historic event. Keep an ear out. I expect
I'll be doing 20 during the days and 40 during the evenings but who
knows??? I'll be on vacation...Anything can happen!!!

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 6 Jul 1999 21:46:52 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44461] Re: QRP-L digest 1510
Message-ID: <199907070142.VAA31178@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

On 6 Jul 99, at 19:03, qrp-l@lehigh.edu wrote:

Don't forget the enormous popularity of 30 meters for QRP.

I think the QRP calling freq is 10.116, but I've never had any trouble finding activity and answers to calls all over that band.

Now I just need to get a decent antenna for 30 up at home, then I'd be on there more myself!

>
> Date: Mon, 5 Jul 1999 22:15:05 -0400
> From: "John J. McDonough" <jjmcd@tm.net>
> To: <eddie@nac.net>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [44372] Re: Band

>
> Eddie
>
> 40 meters, especially 7.040, is a popular frequency, but it seems like
> you
> can hardly listen to 14.060 for 10 minutes without hearing someone from
> this
> list. I've also run across folks on 15 and 10 as well, but nothing like

> 20.
>
> It seems like the vast majority of QRP single-band rigs are built for
> 40,
> but the way the spots are these days, 20 is a lot more effective. Of
> course, come the winter, 20 will become a more or less daytime band, and
> then you'll need to go to 40 to find anything. Of course, the winter
> also
> brings the QRP-L foxhunt, which provides a lot of 40 meter entertainment
> 2
> nights a week during the winter.
>
> Hope this helps
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
> didileydadidah QRP-L #1446 Code Warriors #35
>
>
> -----Original Message-----
> From: eddie@nac.net <eddie@nac.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Monday, July 05, 1999 9:40 PM
> Subject: Band
>
>
> What is the band that everyone on this list frequents?
>
> Eddie
> KC2DYG
> new QRPer
>

=====
72,
Al Gritzmacher, AE2T
QRP-L #1664
ae2t@arrl.net
<http://members.localnet.com/~ae2t/>

Date: Tue, 6 Jul 1999 20:05:55 -0600
From: Neil Klagge <w0yse@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44462] re: 10 meter wire antenna
Message-ID: <19990706.200556.-136873.2.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My vote for a 10 meter wire antenna would be the half square. It acts like two phased verticals with a nice figure eight pattern and very low take-off angle for DX. Also, the high current part of the vertical wires is at the top like upside-down phased verticals. Less absorption from nearby trees which have their low impedance at the bottom.

Just my \$.02 worth.

72 , Neil, w0yse, a QRP-L digest reader.
"Of all the things I've lost, I miss my mind the most."

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 06 Jul 1999 22:08:45 -0400
From: david fouchey <dafouchey@home.com>
To: PUNISHER3@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44463] Re: National Park Expedition Day
Message-ID: <3782B6AD.B7F35F50@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent suggestion, though I'm fortunate to live only a block and a half from one you make a very good point.

Folks?

Dave
WA4EMR

PUNISHER3@aol.com wrote:

>
> Ok, Heres a question.... What if it takes more than an hour to drive to a
> state park? What if you don't have a drivers license (which i don't yet)
> Would it be possible to have a catagory for local parks that would be
> possible to get to by bike?
>
> 72,

> Ben - NW7DX
> 14 yrs old

Date: Tue, 6 Jul 1999 20:18:51 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: <ae2t@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"\"John J. McDonough\"" <jjmcd@tm.net>
Subject: [44464] Re: QRP-L digest 1510
Message-ID: <008701bec81f\$18627680\$398711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Let me second the vote for 30M. I just converted my OHR-100A from 20M to 30M, so I could have a "real" QRP rig for 30. ;-)

Using ALC control on my Icom 746, I had a 100mW QSO with a station in Enid, OK. Earned me and the RX OP a 4.9kmi/Watt award from QRP-ARCI. Not bad for a low dipole under the eave of my old house.

72/3 Rod, N0RC
da di dah

----- Original Message -----
From: Al Gritzmacher <ae2t@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, July 06, 1999 7:46 PM
Subject: Re: QRP-L digest 1510

> On 6 Jul 99, at 19:03, qrp-l@lehigh.edu wrote:
>
> Don't forget the enormous popularity of 30 meters for QRP.
>

Date: Tue, 6 Jul 1999 22:33:26 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@lehigh.edu>

Subject: [44465] radial question
Message-ID: <003501bec821\$19561360\$d1d01004@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is my first qrp-l post, so I hope I did this correctly...
I am building a St. Louis Vertical, with some mods (basically, a real coil with a shorting bar). The "directions" I've seen on the internet say it is OK to use cheap 300-ohm twin lead for radials, which is no problem. But, it says to cut them to 20', then twist the far ends together, then work back, say 13 feet, cut an inch out of one side, and you have a sort of folded radial.
Will that work? What I mean is I would like to balance what works the best with what is the most portable. 16 full length radials is not portable. I'm just wondering if someone out there has been through this and can save me some experimentation time. Thanks.
Dave - K8TRF
dodgeboy@mindspring.com

Date: Tue, 06 Jul 1999 22:44:53 -0400
From: Bob McKellar <bazooka@execulink.com>
To: qrp-l@Lehigh.EDU
Subject: [44466] HF rig
Message-ID: <3782BF25.7BFC6D3E@execulink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all:
Can anyone tell me what a fair price for the following equipment would be.
I have a chance to buy it and need price checks. It is a complete station.
The station equipment is in mint shape.

Drake TR4CW transceiver.
1kw linear amp. (not sure of manufacturer).
Low pass filter.
Antenna switch.
Antenna tuner. (not sure of make).
Electronic keyer.

All interconnecting cables.
All grounding conductors and rods.

Thanks in advance and 72..73
Bob va3bik
va3bik@rac.ca

Date: Tue, 6 Jul 1999 22:48:47 -0400
From: eddie@nac.net
To: qrp-1@lehigh.edu
Subject: [44467] Antenna Ideas
Message-ID: <199907070246.WAA79772@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Anyone have any ideas for a good apartment antenna to cover
20, 40m something compact and not too big so that i can hang it
over my window sill. I live on the first floor and find it difficult to find
an antenna to meet these specs.. maybe someone can help!! I
found something on QST a while back using a carpenters clamp
but I lost the article!! Maybe someone can point to a link..

Thanks
73
KC2DYG

Date: Tue, 6 Jul 1999 22:58:31 EDT
From: ARDUJENSKI@aol.com
To: eddie@nac.net, owner-qrp-1@lehigh.edu, qrp-1@lehigh.edu
Subject: [44468] Re: Antenna Ideas
Message-ID: <36d470fe.24b41c57@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you visit G3YCC's site you will find a wealth of ideas for smaller
antennas. Below is his antenna section: <http://www.karoo.co.uk/g3ycc/ants.htm>
ENJOY...Alan KB7MBI

Date: Tue, 06 Jul 1999 23:03:07 -0400
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44469] inexpensive Short wave reciever
Message-ID: <3782C36B.ED1FC63F@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Anyone looking to sell a Short wave reciever. something like the radio shack/sangean rig or something similar.

Pleas reply off list.

thanks

Mitch ww4ml

hollyweird, florida

Date: Tue, 06 Jul 1999 23:13:08 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: n1tp@worldnet.att.net, qrp-l@lehigh.edu
Subject: [44470] Re: QRP Rig Kits
Message-ID: <3782C5C4.F7B8D54C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What a great page. I'm starting back into the hobby and want to get a new rig. This page of pictures will be great to take to the next hamfest. Thanks, Tom, for the pictures.

Michael
N4NMR

Tom Palmer wrote:

>
> For info on several QRP kits, try:
>
> <http://www.qsl.net/k4msw/rigs.html>
>
> Tom, N1TP, Naples. FL.

Date: Tue, 6 Jul 1999 23:07:13 -0500
From: "Dave T. Chael" <chael@enid.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44471] Re: QRP Rig Kits - outstanding!
Message-ID: <002f01bec82e\$32a6de00\$b14721d0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom,

Thanks for posting this outstanding link on QRP kits! I've seen no better side-by-side comparison! Perfect for a new QRP-wanna-be like me, considering which kit to do first. Appreciate the help! :-)

Dave
KC5GUD
Enid, Oklahoma

-----Original Message-----
From: Tom Palmer <n1tp@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 06, 1999 7:48 PM
Subject: QRP Rig Kits

>For info on several QRP kits, try:
>
><http://www.qsl.net/k4msw/rigs.html>
>
>Tom, N1TP, Naples. FL.
>
>

Date: Wed, 7 Jul 1999 00:10:47 -0400
From: "William Black" <bill.and.karen@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [44472] Re: Wamt Ten Meter Wire Antenna Suggestions
Message-ID: <009301bec82e\$b399bb40\$2e2ffcd0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> I was getting better reception on 10M in my car with a small mag
> mount, compared to my friends g5rv. He replaced his 90' run of
> rg58 with RG6 and all of a sudden he could hear.
>
> So be warned that antenna gain can be eaten up fast on 10M.

If I may take this topic one step further away from its intended subject
line: Supposing someone did use a 90' RG-58 coax run to feed an antenna,
then is such a case a good example of how pre-amplifiers become beneficial?
That is, assuming someone did not want to replace the coax for a lower dB/ft
loss value.

Bill
K4TUK

Date: Tue, 6 Jul 1999 23:22:23 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44473] New 250 MW Rig On The Air
Message-ID: <001601bec830\$5ac30bf0\$c8e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Just got finished building a Michigan Mighty Mite that I found on
"QRP Homebrew Is Gud 4 U." Anywho, I'm going to get on the
air rite now and call CQ on 7.040 +/- a KC or two . If anyone
hears me, please give me a report! :^)

I'll be CQ'in @ 11:30 CST.

73

Randy Jouett, AB5NI

P.S.

If digital dude is xmitting, I'll wait until he's finished.

Date: Tue, 06 Jul 1999 21:29:47 -0700
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@lehigh.edu
Subject: [44474] Another 2N2/40 Lives!
Message-ID: <3.0.6.32.19990706212947.00868eb0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I finished my 2N2/40 this evening. It easily pumps out 2W with the pot about 2/3 open. I suspect it would do about 3 but why push it. I want to fine tune it to be sure I have the offsets right and maybe check the output on a scope and then I'll try to QSO with it (also gotta listen a bit more and get my copy speed up a little...it's been a long time since I did any CW).

There is a bit of a pop in the audio on key-down and the sidetone is LOUD!...enough to wake the dead, I think. The pop (thump?) I can live with but gotta turn down that sidetone (suggestions, anyone?). I also have to put it in an enclosure but will probably leave it nekkid on the bench for a while.

It's a fun project and looks like it'll be a good rig to actually use. Once I got all the parts together it was not much more difficult to assemble than most kits. It all worked pretty nearly the first time, no major problems. Hats off to Jim, Paul, et. al. for a great project.

C ya on 40...

72/73... Mark AA7TA Gilbert, AZ (nr Phoenix)

Date: Wed, 7 Jul 1999 00:34:27 -0400
From: eddie@nac.net
To: qrp-l@lehigh.edu
Subject: [44475] Antennas
Message-ID: <199907070432.AAA54952@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

It seems to me that a magnetic loop antenna would be a good choice for QRP or any HF operation. Does anyone have any plans and parts list on building one? This antenna seems good to me because I live in an apartment and my space is limited... any thoughts

Thanks
73
KC2DYG

Date: Wed, 07 Jul 1999 05:31:37 -0700
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [44476] MFJ-259 battery holders....SURPRISE
Message-ID: <199907070532.AAA27416@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

This ranks right up there with the weird ones....

Pulled out the 259 to check something yesterday and when I hit the power on switch.... nada.... Dang, the batteries must be gone.....

Went ahead and plugged in a bench power supply and finished the job.....

Today, had to use it again, and when I was done, looked at the back where I had written the date of the last battery replacement on a piece of tape....4/97 it said....probably dead....

So, I took the 8 screws out to change the 8 batteries.....

WHAT?????

Both battery holders had one end broken off!!!!

One was on the connector end, this one was totally broken off, and the other one had one half of the opposite end

broken almost completely off.....Later it fell completely
apart while I was trying a Super Glue quick fix.....

Go figure....could it be that travel in the travel trailer once
or twice a year???? I carry it in the original shipping box
wrapped in bubble wrap.... Or maybe the plastic just
disintergrated....Only those two ends seem to be shot....

Oh Yeah.....Super Glue won't touch the stuff....Think they are
polyethelene (sp?), the white translucent stuff....

Who wuda' thunk????

Larry KA5T
Georgetown Texas

Date: Wed, 7 Jul 1999 01:49:33 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Carl Zmola <zmola@campbellsci.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44477] Re: National Park Expedition Day
Message-ID: <Pine.3.89.9907070149.C12823-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 6 Jul 1999, Carl Zmola wrote:

>
> > expedition date?? If not, why don't we make it for August 7 (Saturday)
> > between 11 and 1pm Pacific time (2-4 Eastern).
>
> Ok, Since I ususally operate at night, What bands will be useable
> midday. 10M (if alive) - 20M should be active if alive, but what
> about 30 and 40M? Just inquisitive.
>
I love it! We'll be camping in Shenandoah Nat'l Park that weekend so, if
this thing flies, I'll be in it for sure. 10, 15, and 20 should all be
good. 40 should be OK for local Q's, for me the D.C. and Balto areas
probably...

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 07 Jul 1999 05:54:33 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [44478] WTB: Kent paddles
Message-ID: <3783eb21.9732529@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Looking for a good, clean (used is fine, abused isn't) set of Kent iambic paddles, please reply off-line if you have one you'd part with.

Marty, N5NW

Date: Tue, 06 Jul 1999 23:17:28 -0700
From: Russ Dow <n7dw@garlic.com>
To: lewise@inetport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44479] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <3782F0F8.5E222E49@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Larry and the list --

Not so weird. Unexpected, but actually it's a common problem, I think. Those particular battery holders can't withstand the constant strain of the batteries pushing outward, and eventually they break at one end or the other. I and at least one other ham in this area have had the same thing happen to us -- mine lasted only 6 months or so. I removed the original battery holders (had to drill out the rivets) and put in replacements obtained locally, but I don't remember where I got them. Maybe Radio Shack for expediency, but check whatever sources come to mind. I just fixed it and forgot it until your question came up. It's a pain, but the solution is simple.

73,
Russ N7DW

KA5T Larry Wise wrote:

> Gang:
>
> This ranks right up there with the weird ones....
>
> Both battery holders had one end broken off!!!!

Date: Wed, 07 Jul 1999 17:12:46 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44480] Electronic Project and Radio Design Links
Message-ID: <3782FDED.14A1FA93@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

A bit over a month ago I invited submissions to my links page. A great many responded.

Since June 3rd it has had 1273 hits, so some of you must be meeting new people.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic>
URL - <http://www.qsl.net/vk2tip/>
"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

Date: Wed, 7 Jul 1999 01:02:29 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44481] The Grey Line
Message-ID: <001701bec84f\$218839e0\$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Perhaps someone on this list will be able to help me.
This isn't strictly QRP related, but I'm sure lots of people
on the list will find the answer interesting, so please post
answers here as well as to me privately.

I want to know how many degrees before actual sunset
the grey line starts and how many after it ends. Of course,
I realize that it will vary depending on lots of things, but there
must be a "rule of thumb" that I could use in a computer
program. I have heard the number 4.7degrees before sunset,
but I'm not sure where. Please help if you know the answer...

Does the width of the grey line vary with latitude? Does it
vary depending on if it's sunset or sunrise? If so, how?

Thanks in advance,
Dave Fifield, AD6A

Date: Wed, 7 Jul 1999 01:04:55 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <lewise@inetport.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44482] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <001f01bec84f\$667b97e0\$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Larry, this is a known MFJ problem. They used cheap plastic on the

original ones. MFJ will replace them free of charge I'm told. This happened to mine too but I replaced them with some proper holders.

72, Dave Fifield, AD6A

Date: Wed, 7 Jul 1999 10:22:19 +0200
From: dareid@Synopsys.COM
To: eddie@nac.net
Cc: qrp-1@lehigh.edu
Subject: [44483] Re: Antennas
Message-ID: <199907070822.KAA22598@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Eddie,
Full plans and development article on my website:
<http://www.qsl.net/pa3hbb/>
and follow the 'Articles' link...
Dave
PA3HBB / G0BZF

On 7 Jul 99, at 0:34, eddie@nac.net wrote:

> It seems to me that a magnetic loop antenna would be a good
> choice for QRP or any HF operation. Does anyone have any plans
> and parts list on building one? This antenna seems good to me
> because I live in an apartment and my space is limited... any
> thoughts
>
> Thanks
> 73
> KC2DYG
>

Date: Wed, 07 Jul 1999 06:29:25 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-1 mailing list <qrp-1@Lehigh.edu>

Subject: [44484] Re: Handling Chrome Items and Paints
Message-ID: <3782E5B5.176C5B35@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Also try a large camera store.
White cotton gloves are also used for darkroom work.
It has been a while since I've had a darkroom but I
remember the gloves being quite inexpensive.

michael N6CHV

adams@ticnet.com wrote:

> These are white cotton gloves that are thin enough to
> handle things like the Mercury, Hensley, etc.

Date: Wed, 07 Jul 1999 06:55:28 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [44485] Standards
Message-ID: <19990707105709.AUG19161@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

So far lots of anecdotes, no data. As I recall, my query
was simply whether the auto industry had standards
about attaching external devices to an auto electrical
system. They've just gotta have such for after marketers.
And of course there will be isolated incidents, wherefrom
come the anecdotes (about as frequent, I suspect, as
the engine falling out altogether).

If I can catch my neighbor, he works in that area for a
major car manufacturer. I've never seen anything
in a car store with two fuses, but you never know.

Now, it can't hurt anything, and it's hard to buy a rig
without two fuses, but it still bugs me that people accept
such decrees with little proof.

Ah, who cares! I have only one ground in my system, period.

73 jerry w8gnd

Date: Wed, 7 Jul 1999 07:08:40 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: <malman@world.std.com>
Cc: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [44486] RE: RN3ZR help....
Message-ID: <000701bec869\$2ae31900\$0e7efea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Joel,

I don't speak Russian but I have heard the name before and Valery is pronounced VA - LEER - E with LEER being emphasized...It is an OM name.

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Joel Malman
Sent: Tuesday, July 06, 1999 9:31 PM
To: Low Power Amateur Radio Discussion
Subject: RN3ZR help....

Question folks ...

I had a nice QRP chat with Valery, RN3ZR, tonight on 15 meters. Good 579 QRP signals on both sides. I started to fill out the QSL, but realized that I don't know if Valery is an OM or YL name in Russia. I never thought about asking during the QSO and I want to make sure my note and QSL does it right. Anyone speak Russian on the list?

--

/joel K1QM Concord, MA

QRP-L 337, QRP-ARCI 9305

Date: Wed, 7 Jul 1999 07:43:55 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Subject: [44487] RE: RN3ZR help
Message-ID: <199907071143.AA16780@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks folks

Everyone says Valery is a OM name in Russia... now I'm off to
fill out that QSL.

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Wed, 07 Jul 1999 07:51:05 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [44488] QRP rig kits -- web page
Message-ID: <19990707.054300.4783.0.N5IB@juno.com>

several posts have praised the collection of photos and info at

<http://www.qsl.net/k4msw/rigs.html>

It sure is a great resource.

Just wanted to remind the group that the web page
(<http://www.qsl.net/k4msw>) was created by Todd, K4MSW, who lives here in
Baton Rouge, LA. Todd has had to be somewhat inactive lately. So, gents
and ladies, if you like his pages, how about sending him an e-mail (addr
on the page) of thanks, and encourage him to get radioactive again.

Todd, and Tom (AC5JH) are the reasons I'm "born again" in ham radio as a
QRP'er.....

72 all
Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 07 Jul 1999 06:36:59 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: dodgeboy@mindspring.com
Cc: qrp-1@lehigh.edu
Subject: [44489] Re: radial question
Message-ID: <3.0.3.32.19990707063659.006970c4@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I use 3 of these radials for mine, one of which has the HB coil that I built and one that uses the MMA coil, and I have had good luck with this. There is a school of thought that says that the radials need to be a tuned length and there is the school that says they do not have to be tuned. In my experience, I have not had any better performance out of tuned radials versus untuned. What does make a difference is how many there are. And I am not talking absurdity here, just like the difference between 2 versus 4, not 20 vs. 40. I would go with 3-4 radials, elevate them if you can, and have a great time!

At 10:33 PM 7/6/99 -0400, you wrote:

>This is my first qrp-1 post, so I hope I did this correctly...
>I am building a St. Louis Vertical, with some mods (basically, a real coil
>with a shorting bar). The "directions" I've seen on the internet say it is
>OK to use cheap 300-ohm twin lead for radials, which is no problem. But, it
>says to cut them to 20', then twist the far ends together, then work back,
>say 13 feet, cut an inch out of one side, and you have a sort of folded
>radial.
>Will that work? What I mean is I would like to balance what works the best
>with what is the most portable. 16 full length radials is not portable.
>I'm just wondering if someone out there has been through this and can save
>me some experimentation time. Thanks.
>Dave - K8TRF
>dodgeboy@mindspring.com
>
>
>

Jess AE0CW <><
<http://www.concentric.net/~jessqrp>
<http://www.qsl.net/n0tfi/bug.html>

Date: Wed, 07 Jul 1999 09:00:48 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [44490] WESTFLA meeting confirmed
Message-ID: <37834F80.70C5B460@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As of this morning, thanks to the work of George Goodroe and the generosity of TARC/TBARS (Tampa Amateur Radio Club), we have a nice place to meet on Saturday. So here are the details.

WESTFLA QRP group meeting is this Saturday 7/10/99, 10 AM till Noon. We are meeting at the TARC/TBARS clubhouse in Tampa, Florida. Directions can be found at the following link.

<http://www.qsl.net/w4dug/way.htm>

This is an informal meeting of QRP'ers and Home brewers, a place for open discussion, show and tell, and all around fun and camaraderie. All are welcome. There are no dues, no officers and no pressure. There will be a few nice door prizes to be given away. Come when you want, leave when you want.

You are welcome to bring anything that you think others will find interesting. I know for sure that there will be the following:

A K2 (thanks Steve!)
Desert Ratt regen built "manhattan style"
home-brew solar panels
Test equipment demonstration (O-scope, rf Gen., etc.)
A collection of keys
The original Elmer101 SW-40+
A home-brew small magnetic loop antenna

We will be operating on the loop, and the clubs Gap Titan antenna.
Please join us if you can. Please email me with any questions.

--
72 de KU4QO
Mike Maiorana
Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

Date: Wed, 7 Jul 1999 08:03:33 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44491] Printer A/B Switch as Rig Enclosure
Message-ID: <002d01bec879\$54203ef0\$2c66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was wondering if anyone out there has used a printer A/B switch box as a rig enclosure? I was looking around the shack for an enclosure, and this was the first candidate that I saw.

My switch-box is pretty dog-on thick and heavy! This probably has a lot to do with switching not moving the thing all over creation and such. With that thought in mind, I started wondering if you could use one as a keyer enclosure. Don't see why you couldn't. Should hold the thing down pretty well.

Here's another one I figured out today: you can use an el-cheapo butane cigarette lighter's flame-protection metal thing-o-ma-gig as a heat-sink on a plastic 2N2222A. Just snap it off the lighter, flip it upside down, and with a little wigglin' it will slide right over the case. Another one that works really well is a poly-flow connector. I had to use one as a heat-sink when I was working on a piece of equipment on an off-shore drilling rig. Hey -- It worked (shrug) :^).

73

Randy Jouett, AB5NI

Date: Wed, 07 Jul 1999 13:12:37 GMT

From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44492] Re: radial question
Message-ID: <37845240.36135855@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Wed, 07 Jul 1999 06:36:59 -0600, Jess Gypin <jessqrp@concentric.net> =
wrote:

>I use 3 of these radials for mine, one of which has the HB coil that I
>built and one that uses the MMA coil, and I have had good luck with =
this.
>There is a school of thought that says that the radials need to be a =
tuned
>length and there is the school that says they do not have to be tuned. =
In
>my experience, I have not had any better performance out of tuned =
radials
>versus untuned. What does make a difference it how many there are. And I=
am
>not talking absurdity here, just like the difference between 2 versus 4,
>not 20 vs. 40. I would go with 3-4 radials, elevate them if you can, and
>have a great time!

I took 50 ft. of 5 conductor rotor cable, split it into two 25 ft pieces,=
and
had my daughter and her friends pull the wire apart (to within 6" of the =
end).
The ends had a solder connector put on, and I had instant radials -- ten,=
25
ft. each.

Seemed to work quite well, but I'd think that 50 ft. roll might be better
spent by leaving it and making five 50 ft. radials. Probably easier to
handle, as well.

Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce

Date: Wed, 7 Jul 1999 15:14:07 +0200
From: dareid@Synopsys.COM
To: qrp-1@lehigh.edu
Subject: [44493] Pacificon 99 - when/where is it
Message-ID: <199907071314.PAA00686@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi all,

I'm trying to plan my next trip to California to coincide with the Pacificon (If I have not missed it...) So I would like to know WHEN it is and WHERE it is...I hope to visit there if I can arrange my trip to overlap the convention...

C-YA DER
73/72 de Dave
PA3HBB / G0BZF

Date: Wed, 7 Jul 1999 09:25:35 EDT
From: ARDUJENSKI@aol.com
To: jessqrp@concentric.net, qrp-1@lehigh.edu
Subject: [44494] RADIAL BASICS
Message-ID: <264e9924.24b4af4f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Please note that I am not the expert on this but will share some basic knowledge on RADIALS with you I picked up thru the school of hard knocks and the folks on this site. Remember this is only BASIC INFO.

The rule of thumb is the closer the radials are to the ground the more and the longer you need. The hand book shows that on an average the difference between no radials and 120 is about 3db. Resonance has little affect when on the ground because the earth has a tendency to detune the radials. As you elevate them, then you can use less and tuned radials (or counterpoise) are recommended. Articles show that an effective signal is obtainable with tuned radials with the base of the vertical as little as 0.05 to 0.1 wavelength 3-6 radials (er.. counterpoise).

COMPROMISE: The HOW MANY is a function of the type of ground (lossy or good reflector) and how much you are willing to do to compensate for the ground losses. When you take into account shortened antennas can reduce efficiency to maybe 25 percent the small difference between 16 and 60 radials makes only a marginal difference. Lengthing the antenna to a full 1/4 wave is an easier way to maybe double your signal than add all that wire. Also, elevating the base allows you to both raise the impedance and get away with fewer radials (counterpoise).

Think of the antenna and the ground system as two resistors in parallel. Ground resistance can range from say 1-20 ohms and the antenna impedance can range (for shortend antenna) from 5-30 ohms. If the ground loss is 20 ohms and the antenna impedance is 20 ohms 50 percent of your signal is warming the worms. We want to raise the antenna impedance as high as we can (length of radiating element and height above ground) and lower the ground losses by elevating the antenna and using sufficient wires to counteract the lossy ground.

PHASING OR PARASITIC AN OPTION: An interesting point is that putting down 120 radials each probably about 1/2 wave will only give a 3db increase. Phasing the verticals or placing one behind the other will accomplish about the same gain or a bit more.

So back to your original question HOW MANY depends on you and your limitations and how efficient you want to make the antenna. If portable you want to make it as easy to use and still make contacts. If it is your only antenna you want to look at maximizing its efficiency. Take the St Louis Vertical (SLV) for example, elevating the base about 5-6 feet and using tuned radials (elevated) will give you an acceptable signal with the least hassle. Remember it is tuff to beat a good dipole but when the situation calls for a vertical there are a lot of items you need to factor in.....Hope this helps

Alan KB7MBI (PS I do use short vertical antennas like the SLV antennas often with good success)

Date: Wed, 7 Jul 1999 06:40:14 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Jerry W. O'Dell" <jwodell@ameritech.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44495] Re: Standards
Message-ID: <Pine.GS0.4.10.9907070633060.29528-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jerry,

When I worked in a Motorola shop I installed a lot of radios in all kinds of vehicles.....cars, trucks, heavy equipment, crop dusting airplanes....

With the exception of airplanes I know of no "standards" set by any Govt agency. Some guidelines by some of the car makers and lots of "how to's" from the radio makers.

We ALWAYS used a fuse in both the Pos and Neg leads. I have replaced radios that became fuses.....

I was driving a International dump truck when the Neg cable "fused" while starting. The engine started, the Harris FM radio went up in smoke but the fuse in the Neg lead of my 2m rig blew and the rig was OK.

On the other hand, I have known a lot of hams that don't put fuses in the Neg lead and have not lost a radio!

Bottom line seems to be that it's your radio and you can do it however you like!

cul,

Ron, KU7Y

Date: Wed, 7 Jul 1999 09:41:32 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: KA5T Larry Wise <lewise@inetport.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44496] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <Pine.LNX.4.04.9907070932360.30165-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 7 Jul 1999, KA5T Larry Wise wrote:

> Both battery holders had one end broken off!!!!

Mine took about 6 mos to give up the ghost, I just bought new ones from All Electronics (www.allcorp.com) for 85 cents a piece (Cat #BH-11). And being "prepeared" I got three sets so the next time it breaks... Of course, since I now have them on hand, they haven't broken again, almost

two years! And of course when they do break I won't be able to find the new one. Oh Mr. Murphy pal 'o mine :)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 07 Jul 1999 09:46:39 -0400
From: Don Lefrancois <wb1cdh@cwix.com>
To: QRP-L <QRP-L@Lehigh.edu>
Subject: [44497] Long Wire Antenna..Fair Radio
Message-ID: <000501bec87f\$245059c0\$c14d3ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys & Gals,

Just got a Catalog from Fair Radio Sales of Lima Ohio. On page 10 they advertise a Long Wire antenna RC-432/G on a reel 160' long. Used for \$15..Anyone ever use one of these. Would like to have your impressions before I leap.

Don/K1NNP/ Jewett City, Ct.

=====
Amateur Radio---K 1 N N P
QRP-L #1778 NorCal #1518 NE #436
Jewett City, Ct. 06351

Date: Wed, 07 Jul 1999 08:46:46 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44498] Dave Benson
Message-ID: <013a01bec87f\$27ed0880\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

Anyone know if Dave Benson is out of town for a bit?

thanks

Jeff, AC4HF

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Wed, 07 Jul 1999 08:51:36 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44499] WM20
Message-ID: <014001bec87f\$d4e2fcc0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, collected many responses about power output on the WM20. Even had a guest specialist stop in from NJ and work on it with me. I can get about 1.7 watts out on CW. Tried all different winding rations on the Two transformers.. they make a big difference in power output, but couldn't tweek any more power out of it. The final gets pretty hot in CW test mode. The power must be going somewhere. The rest of the rig tuned up fine and the receiver is working well.

I took the board with all the controls hanging off it and brought it over to my operating bench. put about 12 volts in the form of a gell cell and hooked up a wire antenna up at 40 feet center, 28 or so on ends. Tuned around the band. No problem with receiver. found a ham signing off and asked if the band was in use. The guy called me back. My signal was weak, but we did the whole exchange, guess no problem with audio quality. So I believe I have most of the rig tuned and working. May just wait to get the Steve Weber amp built and forget about any more messing with it. Think if I can get about 8-12 watts out of this puppy, I won't have any trouble working the world on SSB.

72

Jeff, AC4HF

Jeff M. Gold, Manager

Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Wed, 7 Jul 1999 10:23:38 EDT
From: SKIPNC90@aol.com
To: fifield@pacbell.net, qrp-1@lehigh.edu
Subject: [44500] Re: MFJ-259 battery holders....SURPRISE
Message-ID: <84c8088c.24b4bcea@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is not exclusive to MFJ, I have had more than one of the plastic battery holders break in electronic equipment. It must be that the material and design can't handle the stress. Where can suitable replacements be found? Duct tape works in a pinch, great for field repairs.

73, Skip Davis NC90

In a message dated 7/7/99 3:58:05 AM Eastern Daylight Time, fifield@pacbell.net writes:

<< Larry, this is a known MFJ problem. They used cheap plastic on the original ones. MFJ will replace them free of charge I'm told. This happened to mine too but I replaced them with some proper holders.

72, Dave Fifield, AD6A
>>

Date: Wed, 7 Jul 1999 10:38:59 EDT
From: HWRM1SS@aol.com
To: rbcallahan@juno.com, qrp-1@lehigh.edu
Subject: [44501] Re: Tube QRP Xmitter -- CPCW - 5
Message-ID: <c8190447.24b4c083@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPers,

The CPCW-5 is sold by Carl WB1EYE. The company address is:

Vintage Radio Kit Co.
Carl -- WB1EYE
427 N. Main Street
Sharon, MA 02067

I do not have a telephone number...

WEB SITE:

www.mnsinc.com/bry/vintage.htm

I supplied the address above because the links on the web page don't seem to work.

I have also built the sister regen receiver and have been quite happy with it... Drop Carl; a note and he will be happy to give you information. He requests \$1.50 for the latest catalogue to defray costs -- it is well worth it.

Tnx es 72

Howard K3HW -- a satisfied customer

Date: Wed, 7 Jul 1999 08:03:23 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [44502] Re: National Park Expedition Day
Message-ID: <19990707150323.28560.rocketmail@web121.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Scott Robbins - VE7CCY <kc_sr@hotmail.com> wrote:
> Was a decision reached on organising/picking a date
> for the National Park
> expedition date?? If not, why don't we make it for
> August 7 (Saturday)
> between 11 and 1pm Pacific time (2-4 Eastern).

Looks good to me! Good to see this get off the ground!
Now to find that National Park...

Jeff

===

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 07 Jul 1999 10:02:08 -0500
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>
Subject: [44503] Re: National Park Expedition Day
Message-ID: <37836BF0.9853AC3F@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Ok, Heres a question.... What if it takes more than an hour to drive to a
> state park? What if you don't have a drivers license (which i don't yet)
> Would it be possible to have a catagory for local parks that would be
> possible to get to by bike?NW7DX

I think anyone that can't get to a National Park for some serious
reason, should be given a dispensation to operate at a local park, totally
depending on our integrity as Hams to self decide as to the seriousness of the
reasons. And anyone dedicated this much to Ham radio as this young man deserves
to have all of us older Hams to keep a special watch for his call , I know I
will.

Charlie
WA5KRF
Austin, Tejas

Date: Wed, 07 Jul 1999 08:22:52 -0700
From: Bill Jones <kd7s@psnw.com>
To: dareid@Synopsys.COM

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44504] Re: Pacificon 99 - when/where is it
Message-ID: <378370CC.AEC55CEE@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

(Almost) everything you wanted to know about Pacificon '99 can be found at
the following URL:
<http://www.mdarc.org/>

The dates are October 15,16 & 17th.

dareid@Synopsys.COM wrote:

> Hi all,
>
> I'm trying to plan my next trip to California to coincide with the
> Pacificon (If I have not missed it...) --

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 7 Jul 1999 09:27:44 -0600
From: Rod Cerkoney <rlc@frii.com>
To: fantbb@yahoo.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44505] Re: National Park Expedition Day
Message-ID: <19990707092744.59356@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

The LL Bean site has a nice "Park Search" page:

<http://www.llbean.com/parksearch/index.noframes.html>

It contains:

782 State Parks

163 National Parks
151 National Forests
297 National Wildlife Refuges
98 Bureau of Land Management Lands

You can search by name, location, or activity. I did not see QRP field work as an activity choice. ;-)

72/3, Rod, N0RC

On Wed, Jul 07, 1999 at 08:03:23AM -0700, Jeff wrote:

...
> Now to find that National Park...
...

Date: Wed, 07 Jul 1999 10:32:47 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44506] Dave Benson-Out doing good
Message-ID: <01ca01bec88d\$f7345ae0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who emailed me. Guess I missed the posting that Dave is out on church project.

Jeff, AC4HF

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Wed, 7 Jul 1999 12:21:50 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Michael Maiorana <mikemo@ibm.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44507] Re: WESTFLA meeting confirmed
Message-ID: <Pine.3.89.9907071258.A11442-01000000@bc.seflin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 7 Jul 1999, Michael Maiorana wrote:

>

> WESTFLA QRP group meeting is this Saturday 7/10/99, 10 AM till Noon. We are
> meeting at the TARC/TBARS clubhouse in Tampa, Florida. Directions can be found
> at the following link.

>

I wish FL wasn't so big! I'd love to make it, but it's about 275 miles
from Plantation (Ft. Laud.).

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Wed, 07 Jul 1999 16:21:04 -0700
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [44508] MFJ-259 battery holders - NO suprise
Message-ID: <199907071622.LAA27842@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded with comments and suggestions
about this problem....

Obviously this is not an uncommon problem.....

Larry KA5T
Georgetown Texas

Date: Wed, 7 Jul 1999 11:41:10 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <lewise@inetport.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [44509] RE: MFJ-259 battery holders....SURPRISE
Message-ID: <000001bec897\$85561260\$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

With all this talk about the 259 battery holder I checked mine. Mine has a black plastic holder. I guess they got smart or something. Maybe that's why mine is a MFJ-259B?

Kevin, WB5RUE

In the 1960's they took prayer and the Ten Commandments out of our public schools hoping to liberate a generation. They succeeded. Now we have a generation who thinks they have the liberty to lie, cheat, steal, kill....

Date: Wed, 7 Jul 1999 12:57:37 EDT
From: Macstein@aol.com
To: JGold@tnitech.edu, qrp-1@lehigh.edu
Subject: [44510] Re: Dave Benson
Message-ID: <1246961d.24b4e101@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/7/99 8:59:47 AM EST, JGold@tnitech.edu writes:

> All,
>
> Anyone know if Dave Benson is out of town for a bit?

Jeff,
I think Dave is out of pocket this week doing volunteer work. He participates in the Appalachian Service Project with young people from his church. Cool thing.

-MAC-
KF4KSM

Date: Wed, 07 Jul 1999 13:16:13 +500
From: Terry Bendell <terryb@bmts.com>
To: <qrp-l@LEhigh.edu>
Cc: <terryb@bmts.com>
Subject: [44511] Vectronics Regen receiver
Message-ID: <199907071716.NAA20128@Alice.BMTS.Com>
MIME-Version: 1.0

Hi Gang,

I noticed in the July issue of QST a Vectronics Regen Receiver kit,
has anyone built this kit or have any comments on its performance
and features?

73
terry VE3TKB

Date: Wed, 7 Jul 1999 11:35:19 -0600 (MDT)
From: James P Rybak <jrybak@mesastate.edu>
To: qrp-l@lehigh.edu
Subject: [44512] Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <Pine.OSF.4.10.9907071130270.6245-100000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recall seeing a while back a pretty nice QRP transmitter circuit which
uses a VN10K transistor. Unfortunately, I can't recall where I filed that
info in the little bit of RAM which resides between my ears. It was
published in QST or CQ or some such publication. Does anyone remember
such a circuit?

Thanks.

Jim Rybak W0KSD

Date: Wed, 7 Jul 1999 13:51:00 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [44513] PCI receiver 'KIT' based on 12bit 65MHz/Ch data acq board

Message-ID: <199907071800.0AA23672@hat-trick.atl.org>

In one of the many rags that show up here I spied an advert for the ICS dataacquisition board and wonder if anyone is messing with same as a PEECEE based RX.

<http://www.ics-ltd.com>

I haven't written to ask the price of the board but it looks pretty neat. I'm messing around with a SHARC DSP at the moment when there is time but these guys have a DSP daughterboard with a lot of functions already programmed.

That 12bit 65MHz (200MHz bandwidth) would allow for some pretty neat stuff. One could sample the entire 30MHz HF spectrum at once or any 30MHz bandwidth limited chunk up to 200MHz.

-bob

wb4mnf

Atlanta

Date: Wed, 7 Jul 1999 14:19:21 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [44514] AR QRP 40m net tonight
Message-ID: <578a3d89.24b4f429@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call. When I copy it, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, tell us about it! This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. We welcome new check-ins!

72,

Bob AB5ZD

Date: Wed, 7 Jul 1999 11:20:27 -0700 (PDT)

From: Brad Bradfield <b_bradfield@yahoo.com>
To: lewise@inetport.com, qrp-1@lehigh.edu
Subject: [44515] RE: MFJ-259 battery holders....SURPRISE
Message-ID: <19990707182027.27710.rocketmail@web221.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello Larry and the group - -

I've seen this happen more than once, and is a function of the tension placed on the ends of the battery holder by the battery and spring. I once had a keyer that it happened to twice before I figured out what happened.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE	Systems Engineer
W5CGH (ex WB0CGH)	Raytheon Systems Company

Real men talk with their fingers!!

NORTEX	QRP-L #377	QRP-ARCI	SMIRK #4906
ARS #72	NORCAL	Austin QRP Club #e	

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 7 Jul 1999 11:24:17 -0700 (PDT)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: rules@bellsouth.net, qrp-1@lehigh.edu
Subject: [44516] Subject: Printer A/B Switch as Rig Enclosure
Message-ID: <19990707182417.17427.rocketmail@web204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Randy - -

Tony Fishpool and I were discussing enclosures at HAMCOM last month. I'm constantly picking up something out of the trash can at work, and the first thing I say is, "Now what could I build in this." Ham ingenuity, you know. Go for it.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE
W5CGH (ex WB0CGH)

Systems Engineer
Raytheon Systems Company

Real men talk with their fingers!!

NORTEX QRP-L #377 QRP-ARCI SMIRK #4906
ARS #72 NORCAL Austin QRP Club #e

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 7 Jul 1999 14:01:28 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: jrybak@mesastate.edu
Cc: qrp-l@lehigh.edu
Subject: [44517] Re: Remember a QRP Xmtr Using a VN10K Transistor???
Message-ID: <199907071844.0AA02768@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>

> I recall seeing a while back a pretty nice QRP transmitter circuit which
> uses a VN10K transistor. Unfortunately, I can't recall where I filed that

Jim,

Might it have been the "Cubic Incher"? Built in a Kodak 35 mm film
box? Saw that in "QRP Power" the other day. It used a VN10K output.

BTW, the VN10K isn't made anymore but I believe it was someone on this
list that mentioned the 2N7000 is pretty much the same part. I've
been using the 2N7000 for 500 mw drivers and they work well, up to
10M and above.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 07 Jul 1999 14:10:32 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [44518] balanced feedline/unbalanced TX
Message-ID: <DPOAHGADKANCCAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

What are your experiences using a balanced feedline and balanced antenna directly into the output of an unbalanced TX output? I know you're not supposed to do it, but pardon my ignorance - why is this bad and what happens?

Thanks,
Joel NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Wed, 7 Jul 1999 14:33:06 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44519] Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <007f01bec8b1\$af969300\$2c66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok Folks,

I having some trouble keying my Mighty Mite xmitter with my electronic keyer. The rig keys by grounding the emitter through a 27-ohm resistor. Anywho, when I connect the thing to a straight key, I get full output; however, if I plug the thing into the "direct" port on the keyer and then run it back to the negative lead of the power supply, the power-output is reduced significantly. What gives?

TIA & 72/73,

Randy Jouett, AB5NI

Date: Wed, 7 Jul 1999 14:47:27 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <b_bradfield@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44520] Re: Subject: Printer A/B Switch as Rig Enclosure
Message-ID: <008001bec8b1\$b9979c00\$2c66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Brad Bradfield <b_bradfield@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, July 07, 1999 1:35 PM
Subject: Subject: Printer A/B Switch as Rig Enclosure

>
>Randy - -
>
>Tony Fishpool and I were discussing enclosures at HAMCOM last month.
>I'm constantly picking up something out of the trash can at work, and
>the first thing I say is, "Now what could I build in this." Ham
>ingenuity, you know. Go for it.

All right, Brad! Building "true" junk-box radios, I see :^).

A couple of people have sent e-mail saying that they've put rigs in A/B switch-boxes with no problems. I have my eye on an un-used Monopoly game (metal tin; anniversary edition), but one of the kids is probably going to kill me if I use it :^). Guess I'll have to keep my eyes peeled :^).

72/73,

Randy Jouett, AB5NI

Date: Wed, 07 Jul 1999 14:55:36 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44521] Trade-Xircom RealPort Cardbus
Message-ID: <023301bec8b2\$ae6c0040\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

only qrp on what I want. I have a:

RealPort CardBus Ethernet 10/100 +Modem56 32-bit for your notebook. Mobile phone(GSM/AMPS), phone(V.90 and K56flex), and LAN(Integrated connectors) capable. New in box with software user's guide. PC card Type III or Dual type II slot. Model #REM56G-100BTX Integrated PC card. Never Been Used.

List over \$300, PriceWatch low price of about \$250 or so (I will trade for lesser value).

I am looking for a nice unbuilt QRP kit or something interesting to trade.

72

Jeff, AC4HF

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Wed, 7 Jul 1999 15:04:56 -0500
From: Karl.Kanalz@optelinc.com

To: rules@bellsouth.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44522] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <862567A7.006EBFC8.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I'd almost bet that the output transistor used in your electronic keyer (you didn't say what kind/type it was) isn't "turning on" as hard as it should, thus the keyer output transistor "looks" like a medium-high resistance IN SERIES WITH THE EMITTER of your transmitter, thus severely reducing current flow and thus reducing output power.....

Karl K - W8TIF
McKinney, Texas

"Randy Jouett" <rules@bellsouth.net> on 07/07/99 02:33:06 PM

Please respond to rules@bellsouth.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Michigan Mighty Mite With Electronic Keyer Problems

Ok Folks,

I having some trouble keying my Mighty Mite xmitter with my electronic keyer. The rig keys by grounding the emitter through a 27-ohm resistor. Anywho, when I connect the thing to a straight key, I get full output; however, if I plug the thing into the "direct" port on the keyer and then run it back to the negative lead of the power supply, the power-output is reduced significantly. What gives?

TIA & 72/73,

Randy Jouett, AB5NI

Date: Wed, 07 Jul 1999 16:06:36 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [44523] need PIC for DSW20 for Museum Ships Weekend
Message-ID: <19990707.135829.9351.0.N5IB@juno.com>

I'm finishing up a DSW20 and it appears to be suffering from the same ailment that afflicted my (now running FB) DSW40 - needs the updated firmware version on the PIC....

On the 17th and 18th of this month I am hoping to put it on the air from the USS Kidd during Museum Ships Weekend. I'll have the DSW40 but my only other (real) QRP, for 20 m, rig is an HW7. And I've got a special commemorative front panel designed for the -20 that features a painting of the Kidd in action.

So, here's my plea ... anyone out there have a working DSW20 from which they'd be willing to loan me the PIC for that weekend. I solemnly promise on my Scout's Honor not to race it, scratch it, run it over 20 wpm, nor return it with an empty tank, and to bring it back before curfew. And - we can make a sked to work your OTHER 20 m QRP rig from the Kidd.

Worst case: I buy you a new one direct from Dave as soon as he returns and recuperates from doing his good turn..... Think of yourself as a sort of temporary (!!) heart transplant donor...

thanks and 72

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 07 Jul 1999 13:20:29 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [44524] Ft. Tuthill
Message-ID: <3.0.6.32.19990707132029.00f33310@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

WOW !

Ft. Tuthill is only just a little over two weeks away now.

The AZSQRPs have lined up an All Star cast for the seminars as follows:

0900-1000 Paul Harden NA5N... Propagation, Regenerative receivers, etc.

1000-1100 Ron Stark KU7Y & Chuck Adams K5FO
.... QRP contesting

1100-1200 Ed Hare W1RFI ...RF Interference to Hams
... Lunch

1300-1400 Dr. Jim Duffey KK5MC , Dr. Kent Torell AB7OA , Dr. Chuck Adams K5FO
.....The Doctor is in
..... (Questions from floor and Answers?)

1400-1500 Dan Tayloe N7VE.... The Tayloe Switching Mixer

1500-1600 Gary Surrency AB7MY....Modifications to the Norcal 20 meter transceiver

1600-1730 Notables(Dave Benson waves at crowd, etc. Others to be determined)

1600-1800 qrp building contest judging - Doug H, Chuck A, Paul H

1800-0200 camp BBQ, etc.

Bob Hightower KI7MN says "Saturday evening is the bring your own meat cook-out, with the other edibles being provided by the ScQRPions. This is always a lot of fun, and has traditionally been the birthplace of some fine contests, such as FYBO, BUBBA, the run for the borders, etc. We'll see what the group comes up with this year".

Add to that this GREAT prize list:

Red Hot rig from Dave Fifield of Red Hot Radio

Norcal 20 from the Northern California QRP Club

Compact iambic key/keyer with knee mount
from Bob Hammond of The Paddlette Company

SuperTICK keyer kit and a TICK-4
EMB from Brad and Gary, the TICK guys at Embedded Research

Two VE3DNL marker generators
from Jay Bromley and the Ft. Smith QRP Club

Three PK-2 keyer chips with documentation
from Chuck Olson WB9KZY at Jackson Harbor Press

A couple of NorCal shirts from Jerry Parker and the NorCal QRP Club

Best of all there are those attending, you know, the ones you have worked on the bands, read their articles in the publications, used equipment they have designed, built, manufactured etc., bought/traded equipment with, exchanged ideas on QRP-L with, you know, folks like YOU!

Check out this list of almost 60 preregistered already!

1. Bob Hightower KI7MN
2. Bertie Hightower N7XJW

3. Brian Kassel W5VB0
4. Mike Connor NQ7K
5. Kent Torell AB70A
6. Joe Gervais AB7TT
7. Roger Hightower N7KT
8. Dave Kelley AI7R
9. Linda Kelley N7WMI
10. Ron Stark NU7Y
11. Chuck Adams K5F0/7
12. Jim Duffey KK6MC
13. Dan Tayloe N7VE
14. Paul Harden NA5N
15. Scott Hogin K7ZEN
16. Dave Benson NN1G
17. Dave Fifield AD6A
18. Ed Hare W1RFI
19. Jim Cates WA6GER
20. Doug Hendricks KI6DS
21. Larry Wise KA5T
22. Doug Hauff KE6RIE
23. Jerry Parker WA6OWR
24. Gary Surrency AB7MY
25. Melissa Surrency KB7MML
26. Jay Miller WA5WHN

27. Judy Miller WB5LYJ
- 28 Tom Whalen WB5QYT
29. Jerry Haigwood W5JH
30. Maryjane Hogin KD7CKN
31. Sam Imai KF6ML
32. Bob Cortez KF6CXC
33. Gody Siason AC6UV
34. John Moriarty, K6QQ
35. Bob Parks K6AEC
36. Jeff Davis, N9AVG
37. Tim Pettibone K50I
38. Jim Boyle K6JMB
39. Sally Boyle K6X0X
40. Norm Melick KQ6SD
41. Veda Henson KF6HSK
42. Floyd Smithberg NQ7X
43. Larry East W1HUE
44. Mark Monninger AA7TA
45. Mary Monniger N7XUZ
46. Steve Schrdoer KI0KY
47. Jeff Johnson KJ7L0
48. Jamie Johnson KC7MQY
49. John Nystedt KJ7YN
50. Jim Lowman AD6CW

51. Judy Lowman W6YBS

52. Dave Yarnes W7AQK

53. Bert Davidson W2GOB

54. John Humphrey W4IM

55. Bill Chambers N6GDY

56. Greg Farkas AK7Y

57. William Phinizy K6WHP

58. Gary Hembree N7IR

59. Linda Trujillo

Loretta N6WGC is making up special PreRegistration name tags for each one of you.

Finally there is the SCQRPions "Home Brew Contest"! Check the link out below on this one.

I Love this Hobby!

C U THERE,

72, Jerry WA6OWR...K

Paul Harden NA5N on Ft. Tuthill

<http://www.fix.net/~jparker/norcal/fttuthill/paul.htm>

Jay Miller WA5WHN on Ft. Tuthill

<http://www.fix.net/~jparker/norcal/fttuthill/jay.htm>

The ScQRPions Home Brew Contest

<http://www.fix.net/~jparker/norcal/fttuthill/homebrew.htm>

The Official Ft Tuthill Page

<http://www.extremezone.com/~ki7mn/tut99.htm>

The NorCal Page

<http://www.fix.net/norcal.html>

Date: Wed, 7 Jul 1999 15:30:58 -0500
From: Karl.Kanalz@optelinc.com
To: rules@bellsouth.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44525] Re: Subject: Printer A/B Switch as Rig Enclosure
Message-ID: <862567A7.00712227.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Sometimes, Randy, you will run across a computer swapmeet where those "A/B" boxes, particularly the less popular ones, are "on sale" for as little as \$3.00 !!!

You can easily remove the innerds and cover up all those (former) connector holes on the BACK panel with a piece of PCB, and then re-drill the PCB (through the original steel back panel to fit the connectors that YOU want to use. Cheap and cheerful, but a bit heavier than aluminum.

Karl K - W8TIF
McKinney, Texas

"Randy Jouett" <rules@bellsouth.net> on 07/07/99 02:47:27 PM

Please respond to rules@bellsouth.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Subject: Printer A/B Switch as Rig Enclosure

-----Original Message-----

From: Brad Bradfield <b_bradfield@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, July 07, 1999 1:35 PM
Subject: Subject: Printer A/B Switch as Rig Enclosure

>
>Randy - -
>
>Tony Fishpool and I were discussing enclosures at HAMCOM last month.
>I'm constantly picking up something out of the trash can at work, and
>the first thing I say is, "Now what could I build in this." Ham
>ingenuity, you know. Go for it.

All right, Brad! Building "true" junk-box radios, I see :^).

A couple of people have sent e-mail saying that they've put rigs in A/B switch-boxes with no problems. I have my eye on an un-used Monopoly game (metal tin; anniversary edition), but one of the kids is probably going to kill me if I use it :^). Guess I'll have to keep my eyes peeled :^).

72/73,

Randy Jouett, AB5NI

Date: Wed, 07 Jul 1999 15:38:33 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [44526] balanced line/unbalanced TX
Message-ID: <MIIADKDKHNBDCAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

It has been suggested that I read the SWR section in the ARRL handbook, and I will do that (it's a good idea since its been a while for me) However it's not clear to me how SWR is the main issue here since I am assuming that impedance is matched (maybe I didn't make that clear). I am building a half wave inverted vee (EZNEC says that it will have a feedpoint impedance of 53 ohms or so for the height/angle/length I'm considering). I want to feed it with balanced line which is 1/2 electrical wavelength so that the impedance seen at the TX end is the feedpoint impedance of the antenna.

Now I've been assuming that for reasons of avoiding imbalance and the bad things that result, I'd want to have a balanced/unbalanced conversion at the transmitter using a 1:1 balun. However the ARRL Antenna Handbook, which I have been consulting, suggests that this is not always necessary. They say this in their section on portable antennas in connection with a folded dipole design near the beginning of the chapter. But they never elaborate on when or why it is OK. My question is, what are they alluding to in suggesting that it is OK? Why would the Handbook give any thought at all to what is apparently such a bad idea?

Thanks,
Joel NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Wed, 07 Jul 1999 13:58:52 -0700
From: Jim <w7ls@blarg.net>
To: wb1cdh@cwix.com, qrp-1@lehigh.edu
Subject: [44527] Re: Long Wire Antenna..Fair Radio
Message-ID: <3783BF8C.737E161A@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a couple of them. Good value for the buck. Very strong. You can't go wrong. It's actually half of a dipole setup. Fair has the center insulator for \$10 and it is an extremely stout insulator with N connector on the bottom. You can change it out to a S0-239, easily. 73 de Jim, W7LS

Don Lefrancois wrote:

> Hi Guys & Gals,
>
> Just got a Catalog from Fair Radio Sales of Lima Ohio. On page 10
> they advertise a Long Wire antenna RC-432/G on a reel 160' long. Used for
> \$15..Anyone ever use one of these. Would like to have your impressions
> before I leap.
>
> Don/K1NNP/ Jewett City, Ct.
> =====
> Amateur Radio---K 1 N N P
> QRP-L #1778 NorCal #1518 NE #436
> Jewett City, Ct. 06351

Date: Wed, 7 Jul 1999 17:02:17 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44528] Re: Ft. Tuthill
Message-ID: <Pine.LNX.4.04.9907071658350.30920-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 7 Jul 1999, Jerry Parker wrote:

> fun, and has traditionally been the birthplace of some fine contests, such as
> FYBO, BUBBA, the run for the borders, etc. We'll see what the group comes up

Speaking of which... when is BUBBA? I could have won with one contact here in DC this past Tuesday, 104 @ 85% humidity. Of course I would have

passed out and melted in the time it took to make one contact :)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 06 Jul 1999 18:23:11 -0400
From: Paul Kaczmarek <catmandu@freewwwweb.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44529] VTVM's
Message-ID: <378281B0.12BC@freewwwweb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a simple request, does anyone have a manual for a PACO VTVM Model V-70? I would gladly pay copying costs. As an alternative does anyone know of a primer similar to the O-Scope one previously listed for VTVM's. It's been a while since I used one and I remember there were some precautions necessary in their safe use.

Thanks in advance,

--

Paul KB2TPA <>> U.S.M.C. Cheektowaga NY Sierra/ TT Argosy (Pepperdog)

Date: Wed, 7 Jul 1999 16:14:08 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <Karl.Kanalz@optelinc.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44530] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <004001bec8bd\$fdb934a0\$16e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Karl.Kanalz@optelinc.com <Karl.Kanalz@optelinc.com>
To: rules@bellsouth.net <rules@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, July 07, 1999 3:07 PM
Subject: Re: Michigan Mighty Mite With Electronic Keyer Problems

>
>
>I'd almost bet that the output transistor used in your electronic
>keyer (you didn't say what kind/type it was) isn't "turning on" as
>hard as it should, thus the keyer output transistor "looks" like a
>medium-high
>resistance IN SERIES WITH THE EMITTER of your transmitter, thus severely
>reducing current flow and thus reducing output power.....

Hi Karl,

Well, the name of the thing is "Ham Keyer, model HK5A."
I don't have a schematic for the thing. Picked it up at a
hamfest for \$10. Anywho, I changed the batteries and
the thing is still acting up. The Mighty Mite is a single-
transistor rig, btw. Guess this is just another one of
those problems you run into when using a single-transistor
rig. At least it isn't chirpin' (that I can tell). Any other
suggestions?

72/73,

Randy Jouett, AB5NI

Date: Wed, 7 Jul 1999 12:32:30 -0700
From: Dan Presley <talljazz@teleport.com>
To: qrp-1@LeHigh.edu
Subject: [44531] Thanks for award!
Message-ID: <v03007804b3a95aa4311a@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I wanted to publicly thank Cam Hartford and Steve Pituch (W2MY) for sending
along a very nice award for my participation in the ARCI winter ssb sprint.
I snagged a first place for Oregon; probably the only Or on for this event
:). Enter those contests, and send in your log-you might just get some nice

wallpaper.

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Wed, 07 Jul 1999 15:33:51 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Cc: "Randy Jouett" <rules@bellsouth.net>
Subject: [44532] RE: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <3.0.3.32.19990707153351.009100b0@axp1>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

>>>>

<excerpt>I connect the thing to a straight key, I get full output;
however, if I plug the thing into the "direct" port on
the keyer and then run it back to the negative lead
of the power supply, the power-output is reduced
significantly. What gives?

</excerpt><<<<<<<<

Even if the keyer output transistor is turning on "hard", there is typically a 0.2 - 0.3V drop across it. This small voltage drop can result in lower output from many rigs, depending on how the keying circuit is designed. From your description of the Mighty Mite, I suspect that this is the problem. One possible solution is to replace the output transistor in the keyer with a high transconductance FET, such as a 2N7000. The ON resistance of a 2N7000 is typically less than 1 Ohm and it will directly replace an NPN switching transistor such as a 2N3904, 2N4401, etc. (Just make sure that you get the drain and source leads in the right place -- drain<->collector, source<->emitter and [by default...] gate<->base.)

72, Larry W1HUE

CORRECT Email address: w1hue@arrl.net

Date: Wed, 07 Jul 1999 14:49:56 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: jparker@fix.net
Cc: qrp-1@lehigh.edu
Subject: [44533] Re: Ft. Tuthill
Message-ID: <199907072142.0AA03962@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:20 PM 7/7/99 -0700, you wrote:

>
>WOW !
>
>Ft. Tuthill is only just a little over two weeks away
>now.
>
>The AZSQR Pions have lined up an All Star
>cast for the seminars as follows:
>

Thanks for the great plug, Jerry!

For those planning on attending, don't forget to pre-register by sending a note to Jerry at jparker@fix.net. The entire doin's are free, and we expect a large group. Looking at some of the names already registered, there are going to be some real QRP notables there, folks you have all read about. This is your chance to talk with them, and to see some of the gear they have build during the building contest. Don't miss out, only 16 days or so to go.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 07 Jul 1999 14:52:02 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-1@lehigh.edu
Subject: [44534] Fwd: Re: Ft. Tuthill
Message-ID: <199907072144.0AA04722@enterprise.extremezone.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Wed, 07 Jul 1999 14:51:33 -0700
>To: ccart@phideaux.com
>From: Bob Hightower <ki7mn@extremezone.com>
>Subject: Re: Ft. Tuthill
>
>At 05:02 PM 7/7/99 -0400, you wrote:
>>On Wed, 7 Jul 1999, Jerry Parker wrote:
>>
>>> fun, and has traditionally been the birthplace of some fine contests,
such as
>>> FYBO, BUBBA, the run for the borders, etc. We'll see what the group
comes up
>>
>>Speaking of which... when is BUBBA? I could have won with one contact
>>here in DC this past Tuesday, 104 @ 85% humidity. Of course I would have
>>passed out and melted in the time it took to make one contact :)
>>
>
>Normally in August. I'll have to look up the dates, or pick someone's
brain, but it's next month, for sure.
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 07 Jul 1999 17:59:36 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44535] attn: ve6aan
Message-ID: <3783CDC8.6A3F8DC0@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sorry to bring this to the list, but i lost your email..

will you please email me privately?

thanks!

--

peace,

sergio

<http://www.bright.net/~sruiz> - "the village buzz"

"quoting other people is really lame and unoriginal..." -sergio

Date: Wed, 7 Jul 1999 15:24:22 -0700

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>

Subject: [44536] Hy-Gain CB Boards at Fair Radio..

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0220@hq-expo2.filenet.com>

Someone else posted a note on this list regarding an antenna deal at Fair Radio which prompts me to add that I noticed they have the infamous HyGain CB boards available for \$6.50 + S&H. It might be worth finding out if they have their finals in them and are-complete-except-for-the-case, etc. They would make (and have made) jim-dandy 10 meter CW conversions.

..or the parts alone..

(the usual disclaimers regarding affiliation and association apply and these are *not* sold on e-bay)

Date: Wed, 07 Jul 1999 15:26:25 -0700

From: Harvey Laidman <HarveyL@OutaDaLoop.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [44537] Jacksonville, FL

Message-ID: <3783D411.215BBFF5@OutaDaLoop.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Howdy QRP'ers!

I'm going to Jacksonville, Florida for a six-week work assignment. I'm taking my rig and my trusty G5RV. I'd be pleased to treat any local hams to a weekend breakfast!

Anyone in Jacksonville on the list?

...Harvey, W8DX

Date: Wed, 07 Jul 1999 17:35:55 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: terryb@bmts.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44538] Re: Vectronics Regen receiver
Message-ID: <3783D64B.A5758EF@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Terry,

I built one a couple of months ago. I think it works real well.
Listening to music via shortwave and a good set of headphones with it is
pretty amazing. My dial is even fairly accurate on the first 3 bands :).
It will drive a small speaker, but they recommend a set of amplified
computer speakers if you aren't going to use headphones. It's a real
easy kit to build and would be great as someone's first kit. Not too
many parts, lots of room on the board, only 1 toroid to wind.

72/3,

Jay

Terry Bendell wrote:

> Hi Gang,
>
> I noticed in the July issue of QST a Vectronics Regen Receiver kit,
> has anyone built this kit or have any comments on its performance
> and features?
>
> 73
> terry VE3TKB

--

* Jay Freeman - WT9S ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562 *
* SASS #18700 NRA Life *

Date: Wed, 7 Jul 1999 17:34:34 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <qrp-1@lehigh.edu>, "Larry East" <w1hue@amsat.org>
Subject: [44539] Re: Michigan Mighty Mite With Electronic Keyer Problems
Message-ID: <005f01bec8c9\$203ddf20\$16e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu <qrp-1@lehigh.edu>
Cc: Randy Jouett <rules@bellsouth.net>
Date: Wednesday, July 07, 1999 4:36 PM
Subject: RE: Michigan Mighty Mite With Electronic Keyer Problems

>>>>>

>

> I connect the thing to a straight key, I get full output;
> however, if I plug the thing into the "direct" port on
> the keyer and then run it back to the negative lead
> of the power supply, the power-output is reduced
> significantly. What gives?

>

>

><<<<

>

>Even if the keyer output transistor is turning on "hard", there is typically a 0.2 - 0.3V drop across it. This small voltage drop can result in lower output from many rigs, depending on how the keying circuit is designed. From your description of the Mighty Mite, I suspect that this is the problem. One possible solution is to replace the output transistor in the keyer with a high transconductance FET, such as a 2N7000. The ON resistance of a 2N7000 is typically less than 1 Ohm and it will directly replace an NPN switching transistor such as a 2N3904, 2N4401, etc. (Just make sure that you get the drain and source leads in the right place -- drain<->collector, source<->emitter and [by default...] gate<->base.)

Thanks for the reply, Larry! Looked through junk-box and no 2N7000. Oh, well guess I'll have to pick one up tomorrow :^). Hey -- here's an idea. If I'm getting

a 0.2 - 0.3 voltage drop -- I thought that it was 0.6?? --
across the emitter-base junction, why couldn't I just
parallel another 27-ohm resistor in there, making
it a 14-ohm resistor and letting the keyer transistor
do its thing? In other words, why fight the thing when
I can just add a 5 cent part?? Wouldn't this work?

72/73,

Randy Jouett, AB5NI

End of QRP-L Digest 1511
